

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 July 2003 (10.07.2003)

PCT

(10) International Publication Number
WO 03/056235 A1

(51) International Patent Classification⁷: **F21V 7/04**

(21) International Application Number: **PCT/IB02/05297**

(22) International Filing Date:
12 December 2002 (12.12.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
102 00 010.7 2 January 2002 (02.01.2002) DE

(71) Applicant (for DE only): **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH** [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

(71) Applicant (for all designated States except DE, US):
KONINKLIJKE PHILIPS ELECTRONICS N.V.
[NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven
(NL).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VAN GENNIP,**
Nicasius [DE/DE]; c/o Philips Intellectual Property &
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
HAACKE, Michael [DE/DE]; c/o Philips Intellectual

Property & Standards GmbH, Weissshausstr. 2, 52066
Aachen (DE). **LUCE, Thomas** [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH, Weissshausstr. 2,
52066 Aachen (DE). **FRANSEN, Petrus J., M.** [DE/DE];
c/o Philips Intellectual Property & Standards GmbH,
Weissshausstr. 2, 52066 Aachen (DE).

(74) Agent: **VOLMER, Georg**; Philips Intellectual Property &
Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

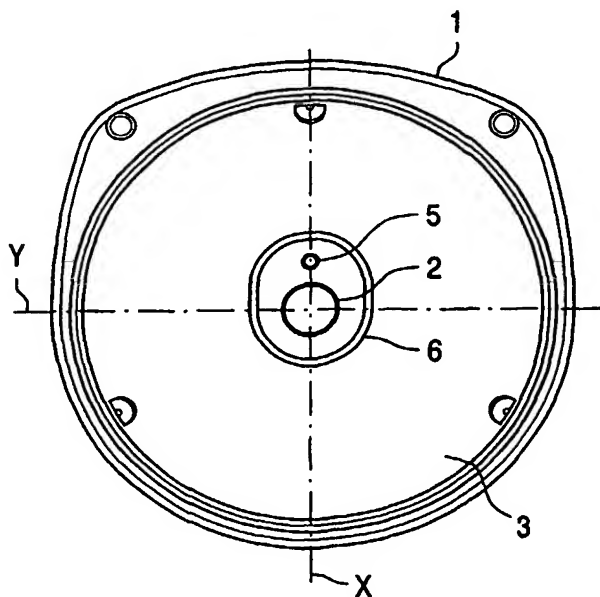
(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: **DISCHARGE LAMP WITH A REFLECTOR AND AN ASYMMETRICAL BURNER**



(57) **Abstract:** The invention relates to a discharge lamp with a reflector (1) and an asymmetrical burner, which reflector (1) comprises at least a reflecting surface (3) and a hollow reflector neck (4), while the asymmetrical burner is partly arranged in said hollow reflector neck (4) without making contact therewith, wherein the shape and the size of the inner contour (6) of the reflecting surface (3) of the reflector (1) corresponds substantially to the contour of the asymmetrical burner, and the asymmetrical burner is centrally located in the reflector (1).

WO 03/056235 A1